

Parts Price List

Monotype Type-&-Rule Caster

EFFECTIVE, *March 1, 1941*

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Subject to change without notice

Lanston Monotype Machine Company
Philadelphia, Pa.

Parts Price List

Monotype Type-&-Rule Caster

With a preface which gives: 1. Our guarantee and charges. 2. Information about loan material. 3. Directions for ordering parts including a simple explanation of our method of designating parts.

This Price List is for use with machines 5300 and following. For machines prior to 5300 consult Philadelphia

Lanston Monotype Machine Company
Philadelphia, Pa.

PRICE LIST OF PARTS

GUARANTEE AND CHARGES

WE GUARANTEE every article to be free from all defects of material or workmanship, and will gladly replace (f.o.b. our factory) any parts that are not up to this standard of Monotype quality.

ALL PRICES are net f.o.b. our factory, and are subject to change without notice; all expenses for freight, expressage, postage or special requirements are additional.

SUPERSEDED PARTS will be furnished at list prices as long as we have them in stock. When our stock is exhausted, the improved parts which have superseded them must be furnished instead or, if the superseded parts are made special, they will be charged accordingly.

SPECIAL WORK of any kind, such as alterations, changes, rebuilding, repairing, or applying of parts, will be charged extra, in addition to the parts used, unless specifically stated to the contrary.

LOAN MATERIAL

As the principal expense of repairing highly productive machinery is not the cost of the parts repaired but the time lost in making the repairs, we have arranged to reduce this time to the minimum by loaning to our customers certain parts for use while they return to us, for repair, the corresponding parts of their machine.

To make this plan a success the material to be repaired must be shipped to us promptly upon receipt of the loan material, and likewise the loan material must be returned to us promptly upon receipt of the repaired material.

In all cases a small fixed fee is charged for the minimum use of the loan material. In addition to this fixed fee, an additional daily rental is charged as follows: First, for each working day the customer retains his material after the receipt of our loan material; this to start the next working day after the receipt of our loan material, to give the customer time to pack and ship his material. Second, for each working day the customer retains our loan material after his repaired material is received by him, tested and found correct; this to start the second working day after the receipt of his repaired material, to give him one full working day in which to try out the repaired material (for example, a repaired Mold). Therefore, to avoid the daily rental, the customer must ship to us his material for repair not later than the working day following the receipt of our loan material, and must ship to us our loan material not later than the second working day following the receipt of his repaired material.

All shipments of loan material must, of course, be made by express. The customer pays trans-

portation charges in both directions on loan material and on repaired material.

All loan parts are standard—we do not loan special parts nor do we furnish any but standard point-size and standard height Blades in Molds. The loan Molds are carefully inspected each time they are returned, to be sure they are within our limits, but we do not guarantee that the product cast from them will exactly match the product of the Molds which they replace.

The parts which we will loan, together with the fixed fee and daily rental charges, are as follows:

	Fixed Fee	Daily Rental
Mold (5 to 12 pt.)	\$7.50	\$1.75
Short Type Mold (12 pt.)	15.00	3.50
Display Mold, Single-point-size	7.50	1.75
" " Multiple-point-size	13.00	3.50
Rule Mold (2, 6 or 12 pt.)	12.00	2.75
Column Rule Mold (6 pt.)	12.00	2.75
Cam Shafts (pair)	6.50	1.25
Normal Wedge	1.40	.60
Justification Wedge (front)	1.10	.50
" " (rear)	1.10	.50
Space Transfer Wedge	1.10	.50
Lining Gage	2.25	.75

DIRECTIONS FOR ORDERING PARTS (A Careful Reading Is Important)

All of these directions are essential. You will save time, trouble and money by reading them carefully before ordering any parts.

If you are not familiar with the Monotype terms here used, read "Designation of Parts" which follow these "Directions for Ordering Parts."

To enable us to fill orders correctly you must give us the following information:

- (1) Give the number of the machine for which the part is required (stamped on the Name Plate and also on the Main Stand).
- (2) Give the name of the part.
- (3) Give the symbol of the part (give every character in the symbol exactly as printed—every one means something).
- (4) Give the quantity required of each part.

To insure getting the correct name and symbol:

Use the Plate Book in conjunction with this Price List.

To order a complete attachment for a machine give the number of the machine and the name of the attachment.

DESIGNATION OF PARTS

(Name)	(Quantity)	(Classification Number)	(Symbol)	(Price each)
Bridges-Loose (side) (2).....	222.	1A3	★09	

NAME: Shows that these Screws were the "Leg" to the "Bridge" and go in from the side.

QUANTITY: Two of these Screws; where no quantity is given "1" is understood.

CLASSIFICATION NUMBER: Standard prices which may be used in several places under different symbols are given classifying numbers; those numbers beginning with "1" are bolts, "2" screws, "3" nuts, "4" washers, "5" dowels, "6" springs, "7" rivets, "8" spring pins and posts, "9" cotters. All pieces having the same classification number are alike without regard to what their symbols may be.

SYMBOL: Identifies and locates the part. The letter "A" indicates that these Screws are in the "A" section (the entire machine being divided into seven sections lettered "A" to "F" inclusive and H). The figure 1 preceding the letter indicates that these Screws are in the first group of this section (the groups comprising each section being numbered consecutively from one up). The figure 3 following the letter indicates that these Screws are the third pieces of this group (the individual pieces comprising each group being numbered

thus consecutively). If a lowercase letter precedes the first figure in the symbol (for example Stud b1A11) it indicates there have been one or more changes in the piece and the new piece is not interchangeable with the superseded one without changing or altering other parts. If the section letter is repeated as the last character of the symbol (for example, a1A1) it indicates that this piece is furnished only assembled with one or more other pieces, in which case a reference mark replaces the price and a note at the end of the group gives details and price for the assembly. When a cap "X" is the first character of a symbol (for example, X1A) it calls for the complete group as listed above it.

PRICE: Always given for one piece and must be multiplied by the "quantity" to obtain the total. If a price is given, the part can be furnished separately. If a black star (★) precedes price, this amount is included in the price of an assembled part given in one of the notes following the group but may be purchased separately if desired. If the price is replaced by a reference mark, it indicates the piece is furnished only assembled with one or more other pieces and the price given in the note at the end of that group includes the price of all pieces in the assembly. The price opposite the complete symbol (symbol starting with "X") is for all the parts in the group as indicated.

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Section A

Mechanism for carrying the Matrix and holding it accurately on the opening in the Mold while the type is being cast.

1A—Bridge.....a1A ★
leg.....1A3
★ screw (side) (2).....222. 1A3 ★09
" (top).....228. 1A4 ★09
★ spring post (for 7A1).....1A5
bushing.....1A6 2.90
nut (hexagonal) (2).....1A7 .07
" adjusting screw (2).....1A9 .15
pin (for 7A1).....7165. 1A10 ★08
screw (2).....1A1 14
stud.....b1A11 ★29
" cotter.....94. 1A12 ★00
Bushing group.....X1A 51.45
★a1A is assembled with 1A2, 1A3, 1A4, 1A5, 1A6, 1A7, 1A9, 1A10, b1A11 and a1A12. Price.....43.65

2A—Bridge Lever.....b2A ★
connecting link.....2A1 1.84
fulcrum rod.....2A2 .25
" forked.....2A3 .90
" nut (2).....314. 2A4 .08
" pin.....2A5 .15
" stud.....2A6 .00
bushing (2).....a2A7 ★07
Bushing Lever group.....Xa2A 6.05
★b2A is assembled with a2A7. Price 2.75

3A—Bridge-lever-link Pin.....a3A ★
spring.....a3A1 ★.75
Bushing-lever-link group.....X3A .75
★a3A is assembled with a3A1. Order by complete symbol X3A.

4A—Carrying Frame.....4A 9.50
guide rod (2).....4A1 3.75
" stop nut (2).....4A2 .60
" lock nut (2).....326. 4A3 .08
" oil cap (2).....4A4 .15
" screw (2).....a4A5 .05
" cross beam.....a4A6 ★
" nut (2).....314. 4A7 .08
" stud.....a4A8 ★.40
" adjusting nut.....4A9 .21
" lock nut 323. 4A10 .08
" spring.....61. 4A11 .15
raising spring.....63. 4A12 .17
Carrying Frame group.....Xa4A 22.40
★a4A is assembled with a4A8. Price 2.70

5A—Centering Pin.....d5A ★
adjusting nut.....5A1 .29
extension.....a5A 1.10
" nut.....35. a5A7 .06
" lock nut.....37. a5A8 .00
" washer (2).....a13. a5A18 .08
guide pin.....a1A12 ★.01
spring.....668. a5A3 .17
" abutment (lower).....a5A11 2.57
" (upper).....a5A5 1.02
Centering Pin group.....Xa5A 10.54
★a5A is assembled with a5A12. Price 5.10

6A—Centering-pin Stand.....a6A 7.25
bolt (2).....33. 6A3 .12
" washer (2).....419. 6A4 .08
bushing.....b6A5 4.40
" adjusting sleeve.....6A6 .46
" nut.....6A7 .30
" guide screw.....6A8 .09
nut.....aXa22 .80
CENTERING-PIN STAND group.....Xc6A 13.70

7A—Fiber Stop.....7A .47
spring.....621. 7A1 .08
Fiber Stop group.....X7A .55

9A—Sliding Frame.....10A ★
draw rod.....9A1 1.70
" clamp.....a9A2 ★
" screw (front).....223A. 10A3 .08
" (rear).....245. 9A4 .06
SLIDING FRAME group.....Xa9A 13.20
★9A is assembled with a9A2, 9A3 and 9A4. Price.....17.00

27A—Centering-pin Guide.....27A1 2.18
screw.....247. 27A2 .05
CENTERING-PIN GUIDE group.....X27A 2.23

32A—Carrying-frame Adjusting Cage.....32A1 7.40

33A—Centering-pin Micrometer Screw.....33A1 1.85
(2).....33A2 .55
differential screw (right).....a33A3 1.40
" bell crank.....33A4 .05
" plunger.....33A5 .21
" " " " 33A6 .55
" (left).....33A7 .08
" key screw (2).....33A8 .20
spring.....6175. 33A9 .08
CENTERING-PIN MICROMETER SCREW group.....Xa33A 7.10

35A—Centering-pin Aligning Lever.....35A1 1.83
(left).....35A2 .10
plunger.....35A3 .25
stud.....330. 35A4 .08
" (rear).....35A5 .75
plunger.....35A6 .10
spring.....6175. 35A7 .17
CENTERING-PIN ALIGNING LEVER group.....X35A 1.30

36A—Centering-pin Auxiliary Spring.....621. 36A1 .12
abutment (lower).....36A2 ★
" (upper).....a36A3 4.01
" stud (2).....36A4 ★.15
" nut (2).....35. 36A5 .06
" washer.....36A6 .05
CENTERING-PIN AUXILIARY SPRING group Xa36A 8.76
★36A2 is assembled with 36A4. Price 4.29

40A—Matrix Holder (for casting area from Cellular Matrices).....40A1A ★
cover plate.....40A2 ★
" rivet (7).....7197. 40A3 ★.04
slide (for 2" x 2" Matrices).....a40A4 ★
" face plate.....40A5 ★
" rivet (5).....7198. 40A6 ★.01
" latch.....a40A5 .15
" rivet (2).....40A9 ★.09
" matrix support.....40A7 ★
MATRIX HOLDER group.....X40A 19.45
★40A1A is assembled with 40A2 and 13.95
Price.....40A4 is assembled with 40A5, 40A6, 40A7, a40A8 and 40A9. Price.....5.50
NOTE: For special Sizes for this Holder see the following:

NOTE: On account of trouble experienced in plants using reformed CENTERING PINS it has been recommended by our mechanical men that the practice of re-grinding CENTERING PINS be abolished. Accordingly, reformed CENTERING PINS will no longer be furnished.

CENTERING PIN (for English Display Equipment, see page 19).....a5A 5.10

Page 8	Sections C and D	Type-&-Rule	Caster	Sections D and E	Page 9		
3C—Air-pin Block (continued) <i>Machines prior to 7143 (except 6953, 6963 to 6982 inclusive were equipped with Air-Pin Blocks (rear).</i> †This Air-Pin Block can be applied only in our factory.	20C—Mold-blade shifter extension..... " nut..... " lock nut..... " spring..... latch..... rivet (2)..... MOLD-BLAD SHIFTER GROUP..... ‡Price is assembled with 20C2 and 20C7.	20C1C * 20C2 .74 20C3 .68 20C4 .68 20C5 .39 20C6 * 20C7 .65 X20C 4.96	13D—Justification-wedge lever (for 11D). pin..... " outlet..... plate..... " screw..... JUSTIFICATION-WEDGE LEVER group..... ‡13DD is assembled with 13D1 to 13DA inclusive. Order by complete symbol X13D.	13DD * 13D1 +.09 13D2 .90 13D3 .90 13D4 .06 X13D 3.85	6GD — Justification - wedge Position Plate screw (2)..... JUSTIFICATION-WEDGE POSITION PLATE group..... 67D—Normal-wedge Position Plate screw (2)..... NORMAL-WEDGE POSITION PLATE group.....	6GD1 .44 6GD2 .03 X6GD .54 67D1 .44 67D2 .03 X67D .54	
3C—Cross Slide draw rod clamp screw..... extension..... " rivet (long)..... " elbow..... plate (stop for Matrix Cass)..... " rivet (long) (2)..... " screw (short)..... positioner..... ‡6CC is assembled with 6C2, 6C3, 6C4, 6C5, 6C6, 6C7 and 6C8. Price includes extension Shoe group.	e0CC * e0C2 +.09 e0C3 * e0C4 .56 e0C7 .04 e0C9 *\$4 e0C10 +.01 e0C11 *\$2. e0C8 .39 12.23	27C — Mold - blade - shifter - extension Guide "..... "..... MOLD-BLAD-SHIFTER-EXTENSION GUIDE group..... 27C1 .74 27C2 .09 X27C .92 28C1 3.64	X27C 4.96	14D—Justification-wedge Lever (for 10D). Guide..... " outlet..... plate..... " screw..... JUSTIFICATION-WEDGE LEVER group..... ‡14DD is assembled with 14D1 to 14DA inclusive. Order by complete symbol X14D.	14DD * 14D1 +.09 14D2 .90 14D3 .90 14D4 .06 X14D 3.85	6ED — Transfer - wedge - operating - rod Guide screw (2)..... TRANSFER-WEDGE-OPERATING-ROD GUIDE group..... 69D—Justification-wedge Gage Nuts: 70D1 is superseded by 69D1 which combines the former Gages 69D1 and 70D1.	6ED1 1.09 6ED2 .03 X6ED 1.14 69D1 1.95 70D1
6C—Cross-slide-extension Shoe screw (4)..... spring post..... Choice-station-extension Shoe group..... ‡6CC is assembled with 6C2. Prices.	60C * 6C1 .08 6C2 .06 6C3 2.92 2.30	<i>Machines prior to 7143 (except 6953, 6963 to 6982 inclusive) were equipped with the following parts:</i> 20C—Air-pin-block-cover Plate "..... ".....	20C1 4.41 20C2 .09	15D—Justification-wedge-lever Fulcrum Pin adjusting screw..... 20D—Micrometer Wedge	15D .06 20D 3.65 a0D2 +.40		

Section D

Mechanism for determining the size type to be cast and for bringing the Space Transfer Wedge into position for every cast.

[illegible]

80E—Worm Shaft (continued)

Type-&-Rule Casters prior to 5673 were equipped with:

Worm Shaft Worm group..... 80E# 4.40
 and omitted 80E13..... 80E2# .08

Type-&-Rule Casters 4958 to 4967 inclusive, 5023 to 5027 inclusive, and 5047 to 5232 inclusive, were equipped with the following parts:

Worm Shaft..... 80E# 5.51
 key (long, for 80E1 and 80E2)..... 80E4# .00
 nut..... 80E2# .74

Worm Shaft group (including 80E to 80E4 inclusive, 80E9, 80E17 and 80E18)..... **X80E 25.46**

*Parts 80E2, 80E17 and 80E18 can be applied outside our factory; for any other parts the complete Worm Shaft must be returned to our factory. No charge other than for parts used is made for repairing Worm Shafts.

All other Type-&-Rule Casters prior to 5233 not included in the above were equipped with the following parts:

Worm Shaft..... 80E# 5.51
 key (long, for 80E1 and 80E2)..... 80E4# .00

Worm Shaft group (including 80E to 80E4 inclusive)..... **X80E 24.73**

*Parts 80E2 and 80E18 can be applied outside our factory; for any other parts the complete Worm Shaft must be returned to our factory. No charge other than for parts used is made for repairing Worm Shafts.

87E—Mold-blade-carrier-latch Bolt

Crank..... 87E1E *

spring..... 87E7 .08
 pin..... 87E2# .05
 stud..... 87E18 .09
 nut..... 87E9 .08

Mold-blade-carrier-latch Bolt Case group..... **X87E 2.43**

*87E1E is assembled with 87E2. Price assembled..... 2.18

89E—Mold Clamp (front)..... **89E1 .30****93E—Cam-lever-shaft Distance Ring** (on 7E)..... **93E1 1.68**

Type-&-Rule Casters prior to 7143 (except 6924, 6963) (not included) were equipped with the following parts:

94E—Main-stand-air-pipe Cover..... 94E1 1.94
 screw (4)..... 94E2# .09
 Main-stand-air-pipe Cover group..... **X94E 2.30**

96E—Mold-blade-cam-lever-compound-lever Abutment..... **96E1 1.13**

nut..... 96E2# .09
 washer..... 96E3 .08

Mold-blade-cam-lever-compound-lever Abutment group..... **X96E 1.30**

97E—Belt-shifter-operating Bar..... **97E2 2.36**

98E—Belt-shifter-operating Bar Connecting Rod..... 98E1 1.15
 cotter (2)..... 98E2 .00
 nut..... 98E3 .08

Belt-shifter-operating Bar Connectors..... **X98E 1.39**

100 Rod group.....

99E—Belt-shifter-operating-bar-connecting-rod Guide..... **99E1 .75**

screw (2)..... 99E2 .00
 Belt-shifter-operating-bar-connecting-rod Guide group..... **X99E .83**

100E—Belt-shifter-operating-bar Lever..... **100E1 1.50**

bracket..... 100E2 1.50
 " clamp screw..... 213 .100E3 .11
 pin..... 100E4 .08
 " cotter (2)..... 95 .100E5 .00
 stud..... 100E6 .28
 nut..... 314 .100E7 .08

Belt-shifter-operating-bar Lever group..... **X100E 3.50****101E—Clutch Control Shaft**..... **101E1E ***

bolt crank..... 101E2 *
 " down..... 101E3 .05
 lever..... 101E4 *
 " dowel..... 58 .101E5 .05
 Clutch Control Shaft group..... **X101E 3.65**

*101E1E is assembled with 101E2, 101E3, 101E4 and 101E5. Order by complete symbol X101E.

102E—Clutch Control Operating Rod..... **102E1 .75**

eye..... 102E2 .90
 nut..... 314 .102E3 .08
 Clutch Control Operating Rod group..... **X102E 1.73**

103E—Clutch-control-operating-rod-eye Pin..... **103E1E ***

spring..... 103E2 .15
 Clutch-control-operating-rod-eye Pin group..... **X103E .75**

*103E1E is assembled with 103E2. Order by complete symbol X103E.

104E—Clutch Gear..... **104E1 10.95**

105E—Clutch Shifter..... **105E1E ***

guide rod (long)..... 105E2 .22
 pin (short)..... 105E3 .15
 plate..... 105E4 .08
 fulcrum pin (for 105E7)..... 105E5 .08
 " cotter..... 95 .105E6 .00
 lever (for engaging 105E3)..... 105E7 2.20
 " rivet (3)..... 105E8 .05
 spring..... 889 .105E9 .08
 Clutch Shifter group..... **X105E 6.60**

*105E1E is assembled with 105E2 to 105E9 inclusive, 105E8 and 105E9. Price..... 4.40

106E—Clutch-shifter Spring..... **106E1 .17**

plate (2)..... 106E2 .05
 Clutch-shifter Spring group..... **X106E .27**

107E—Gear Cover (rear)..... **107E1 5.10**

screw (2)..... 223 .107E2 .09
 Gear Cover group..... **X107E 5.28**

108E—Interlocking Lever..... **108E1E ***

spring pin..... 851 .108E2 .75
 Interlocking Lever group..... **X108E 3.00**

*108E1E is assembled with 108E2. Order by complete symbol X108E.

109E—Interlocking-lever Operating..... **109E1E ***

eye..... 109E2# .75
 " pin..... 109E3 .08
 " cotter..... 95 .109E4 .00
 " washer..... 412 .109E5 .08
 lock nut..... 314 .109E6 .08
 Interlocking-lever Operating Rod group..... **X109E 2.06**

*109E1E is assembled with 109E2 to 109E6 inclusive. Order by complete symbol X109E.

110 Rod group.....

110E—Interlocking-lever-operating-rod Guide..... **110E1 1.15**

nut..... 110E2 .00
 Interlocking-lever-operating-rod Guide group..... **X110E 1.24**

111E—Interlocking-lever Spring..... **111E1 .12**

112E—Interlocking-lever Fulcrum Stud..... **112E1 .75**

113E—Oil Guard..... **113E1 4.45**

114E—Oil Pan..... **114E1E ***

partition (center)..... 114E2 *
 " (rear)..... 114E3 *
 " rivet (1-8" x 1-8" (6)..... 114E4 *
 " (") (flathead) (4)..... 114E5 *
 spout..... 114E6 *
 washer..... 114E7 *
 plate..... 114E8 *

Oil Pan group..... **114E9 8.30**

*114E1E is assembled with 114E2 to 114E8 inclusive. Order by complete symbol X114E.

Machines prior to 7120 were not equipped with:

Oil Pan Plate..... **114E8 8.30**

115E—Oil-pan Shelf..... **115E1E ***

bracket (front)..... 115E2 7.70
 " (rear)..... 115E3 7.05
 handle..... 115E4 *

" rivets (4)..... 7177 .115E5 .01

link (4)..... 115E6 *

" fulcrum pin (upper) (4)..... 115E7 *

" washer (4)..... 115E8 .13

" stud (lower) (4)..... 115E9 .13

" nut (4)..... 310 .115E10 .05

" washer (4)..... 115E11 .05

stop pin (2)..... 115E12 *

Oil-Pan Shelf group..... **X115E 19.87**

*115E1E is assembled with 115E4 to 115E12 inclusive, and 115E12. Price..... 4.08

116E—Oil-pan-shelf-bracket Bolt (7 each)..... **116E1 .12****117E—Sliding Gear**..... **117E1 14.50****118E—Sliding-gear Shifter**..... **118E1 5.10****119E—Sliding-gear-shifter Yoke**..... **119E1E ***

handle..... 119E2 1.14

" spring..... 64 .119E3 .12

post..... 119E4 .22

" nut..... 35 .119E5 .00

" washer..... 446 .119E6 .08

Sliding-gear-shifter Yoke group..... **X119E 3.60**

*119E1E is assembled with 119E4. Price..... 2.20

120E—Sliding-gear Hollow Shaft..... **120E1E ***

bushing..... 120E2 *

Rod (wood)..... 120E3 *

Sliding-gear Hollow Shaft group..... **X120E 5.15**

*120E1E is assembled with 120E2 and 120E3. Order by complete symbol X120E.

121E—Sliding-gear Safety Lever..... **121E1 2.20**

rod (3)..... 121E2 .12

" nut (4)..... 121E3 1.11

" nut (4)..... 319 .121E4 .00

Sliding-gear Safety Lever group..... **X121E 5.17**

122E—Speed Bracket..... **122E1E ***

screw (front for 123E1)..... 122E2 .12
 " (center for 123E1)..... 122E3 *

" (rear for 123E1)..... 122E4 *

" (front for 124E1)..... 122E5 *

" (rear for 124E1)..... 122E6 *

" (front for 125E1)..... 122E7 *

" (rear for 125E1)..... 122E8 *

" (front for 126E1)..... 122E9 *

" (rear for 126E1)..... 122E10 *

" screw (for 122E2 to 122E10 inclusive) (19)..... 28 .122E11 .12

" (for 121E7)..... 122E12 *

" screw (for 122E19) (3)..... 27 .122E13 .12

" guide post (for 101E2)..... 122E14 .15

" nut..... 310 .122E15 .08

" lock nut..... 512 .122E16 .08

" spring..... 514 .122E17 .08

" washer (2)..... 413 .122E18 .08

" oil pipe cover base (2)..... 112E19 .60

" hole cover (2)..... 122E20 .08

" hole cover (4)..... 122E21 .08

" pipe (to 118E1 and 121E3) (2)..... 122E22 .05

" " " rear bearing for 122E2)..... 122E23 .16

" " " front " 123E1)..... 122E24 .22

" " " rear " 120E1)..... 122E25 .15

" " " " 123E1)..... 122E26 .06

" " " middle " 123E1)..... 122E27 .05

" " " front " 120E1)..... 122E28 .16

" " " rear " 124E1)..... 122E29 .20

" pin (to 120E1 and 120E2)..... 122E30 .04

" spring post (for X10E6)..... 891 .122E31 .08

" pin (to 111E1)..... 655 .122E32 .06

" tumbler housing..... 122E33 *

" " " screw (4)..... 28 .122E34 .12

" " " stop plate..... 122E35 .185

" " " rivets (2) 7179..... 122E36 .04

" " " " 122E37 .03

" winkley oiler (5)..... 122E38 .03

" Speed Bracket group..... **X122E 150.84**

*122E1E is assembled with 122E2 to 122E35 inclusive, 122E22 to 122E36 inclusive. Price is..... 147.50

123E—Speed-bracket Cone Shaft..... **123E1E 11.00**

cone gear (small)..... 123E2 4.10

" (medium)..... 123E3 4.50

" (large)..... 123E4 4.90

gear (large)..... 123E5 5.25

key (long) (for 123E2 to 123E5 inclusive)..... 123E6 .08

" (short) (for 123E6)..... 123E7 .08

pinion (long)..... 123E8 0.65

Speed-bracket Cone Shaft group..... **X123E 36.56**

*Parts replaced only in our factory.

124E—Speed-bracket Driving Shaft..... **124E1E 7.30**

(front)..... 124E2 4.40

gear (large, middle)..... 124E3 4.40

" gear (for 124E2 and 124E3) (2)..... 124E4 .08

" gear (for 124E6)..... 124E5 .08

pinion (long, front)..... 124E6 0.60

" (small, rear)..... 124E7 4.10

Speed-bracket Driving Shaft group..... **X124E 22.64**

*Parts replaced only in our factory.

125E—Speed-bracket Driving Shaft..... **125E1E 4.40**

(rear)..... 125E2 5.20

gear (medium, middle)..... 125E3 5.20

" (large, rear)..... 125E4 5.50

key (2)..... 125E5 .08

pinion (small, front)..... 125E6 1.10

Speed-bracket Driving Shaft group..... **X125E 23.44**

*Parts replaced only in our factory.

126E—Speed-bracket Quadrant..... **126E1 5.85**

127E—Speed-bracket-quadrant Bolt (2 each)..... **127E1 .12**

128—Speed-bracket-quadrant-bolt Nut (2) each.....	314	128E1	.08
129—Speed-bracket-quadrant shaft	129F1E	2.25	
key.....	129F2E	1.10	
lever.....	129F3E	1.10	
" handle.....	129F4	.75	
" pin.....	129F5	.40	
" spring.....	129F6	.12	
" set screw (2).....	129F7	.60	
pinion.....	129F8E	3.80	
Speed-bracket-quadrant shaft group	129F8E	3.78	
*129E1 is assembled with 129F4, 129F5, 129F6 and 129F7. Price assembled, 3.05			
†Parts replaced only in our factory.			
130—Speed-bracket screw (long, to a12E2).....	2217	130E1	.14
Note: When machine is equipped with the CAM Oiling Device, order the following additional parts:			
Screw (short, to 11E2 and 11E3) (2).....	27	130E2	.12

131E—Speed-bracket sliding shaft	131E1E	7.30	
gear (large, middle).....	131E2E	5.10	
" (medium, rear).....	131E3	4.40	
" (small, front).....	131E4	.08	
nut.....	330	131E5	.20
pinion (small, front).....	131E6	7.30	
washer.....	444	131E7	.14
Speed-bracket sliding shaft group	131E7	28.78	
†Parts replaced only in our factory.			

132E—Speed Index Plate	a132E1	.75	
bracket.....	132E2E	.08	
rack.....	132E3	.08	
screw (6).....	255	132E4	.03
SPEED INDEX PLATE GROUP	1312E	2.20	
*132E1 is assembled with 132E2. Price assembled, 1.10			

133E—Tumbler	133E1E	*	
idler.....	133E2	4.40	
shaft.....	133E3	7.30	
latch.....	133E4E	.08	
" fulcrum.....	133E5	.08	
" cotter (2).....	133E6	.08	
" spring.....	133E7	.12	
" stop pin.....	133E8	.08	
oil pipe (front).....	133E9	.22	
" (rear).....	133E10	.22	
" clamp.....	133E11	.08	
" screw.....	246	133E12	.05
pinion.....	133E13E	6.00	
shaft (also fulcrum for 133E1E).....	133E14E	2.25	
Tumbler group	133E14E	35.20	
*133E1E is assembled with 133E19 to 133E22 inclusive. Price..... 18.75			
†133E4E is assembled with 133E8. Price..... 2.20			
†Parts replaced only in our factory.			

134E to 139E, incl., 141E to 145E, incl.— <i>See Lead and Rule Attachment, page 20</i>			
145E— <i>(See Automatic Cutter, page 21)</i>			

168E—Cam-shaft-stand Packing Piece (2) each.....	168E1	.08	
169E—Starting Bar	109E1	2.21	
handle.....	109E2	1.47	
" rivet (2).....	787	109E3	.04
Starting Bar group	169E	3.76	
170E—Starting-bar Lock Bracket	a170E1	2.92	
bolt.....	170E2	.13	
Starting-bar-lock bracket group	170E	3.05	

170E—Starting-bar Lock Bracket (continued) Machines prior to 7591 were equipped with the following parts:			
STARTING-BAR LOCK BRACKET	170E1	2.92	
Stud.....	171E1	.33	
171E—Starting-bar-lock-bracket Stud	a171E1	.23	
Die.....	171E2	.35	
STARTING-BAR-LOCK-BRACKET STUD GROUP	171E2	.29	
172E—Starting-bar Lock Stud (for a17E2).....	172E1	.23	
Die.....	172E2	.06	
STARTING-BAR STUD GROUP	1712E2	.29	
173E—Name Plate	197E1	.86	
screw (4).....	251	197E2	.05
NAME PLATE GROUP	1917E	1.06	
275E— <i>(See Cored Mold Operating Attachment, page 25)</i>			
276E— <i>(See Automatic Cutter, page 21)</i>			

Section F

Mechanism for holding the Galley Pan and for guiding the type from the Type Carrier.

17F—Galley-pan Shelf	a17F	15.15	
adjusting bar (for Galley Pan).....	a17F1	.15	
" clamp.....	17F2	.40	
" " bevel nut.....	17F3	.15	
" " wing bolt.....	a17F4	.15	
" " washer.....	a17F5	.08	
screw (4).....	29	17F6	.12
wing bolt (2).....	a17F6F	.15	
pin (2).....	a17F7	.15	
GALLEY-PAN SHELF GROUP	17F7	15.14	
*17F6F is assembled with a17F7. Price (each)..... .29			
18F—Galley-pan Support	a18F	7.30	
bar (2).....	a18F1	1.00	
bevel nut (2).....	18F2	.15	
" wing bolt (2).....	a18F3	.15	
" " washer (2).....	a18F4	.08	
corner block (rear).....	18F5	.40	
" (front).....	18F6	.40	
wing bolt (2).....	a18F7	.15	
" " pin (2).....	a18F8	.15	
*a18F7 is assembled with a18F8. Price		.29	

50F—Type Channel Block (adjustable).....	50F	*3.65	
clamp.....	a50F1F	.08	
latch.....	a50F2	.08	
" screw.....	a50F3	.05	
" spring.....	50F4	.08	
" tongue.....	50F5	.08	
" rivet (2).....	50F6	.01	
stop plate (for 50F3).....	50F9	.08	
" screw (2).....	50F10	.08	
wing bolt.....	a50F11	.15	
" " pin (2).....	50F12	.08	
TYPE CHANNEL BLOCK GROUP	Xa50F	18.95	
*a50F1F is assembled with 50F, a50F2, 50F4, 50F5, 50F6 to 50F10 inclusive, and a50F11. Price..... 18.72			

51F—Type Channel Block (fixed).....	a51FF	*	
dowel (No. 5 x 1-1/2") (front).....	51F1	.06	
" (No. 5 x 1-1/4") (rear).....	51F2	.06	
latch.....	a51F3	*1.65	
" screw.....	a51F4	.06	
screw (1-1/4" x 1-3/8").....	51F5	.11	
" (1-1/4" x 1-3/8").....	51F6	.11	
facing (4).....	a51F7	.05	
" rivet (4).....	a51F8	.01	
TYPE CHANNEL BLOCK GROUP	Xa51F	9.10	
*a51FF is assembled with a51F3, a51F4, a51F5 and a51F6. Price..... 8.76			

TYPE CHANNEL BLOCK (fixed) (for display 4990).....	b51F1AF	*	
facing.....	a51F16	*	
" rivet (2).....	7158	a51F17	*.05
" (2).....	7226	a51F18	*.05
latch.....	a51F19	a51F20	*.05
" screw.....	2204	a51F21	*.06
screw (rear).....	231	a51F13	*.09
TYPE CHANNEL BLOCK GROUP	Xa51F14F	8.82	
*a51F14F is assembled with a51F3, a51F5, a51F9, a51F13, a51F16 and a51F17.			
Order by the complete symbol Xa51F14.			
†The Screw 51F5 furnished as part of Block Xa51F is used also with this Block Xa51F14.			
70F—Type-channel-block Stand	a70F1	50.93	
dowel.....	70F2	.08	
plate.....	70F3	4.41	
screw.....	230	70F4	.08
" screw.....	22	70F5	.14
" " ".....	26	70F6	.13
TYPE-CHANNEL-BLOCK STAND GROUP	Xa70F	55.77	
76F to 176F incl.—(See Automatic Cutter, page 21)			

Section H

Mechanism for melting metal and forcing it into the Mold, also the supply and drain pipes to their connections with the parts they supply.

1H—Air Pipe (copper, .190" x 1-1/2").....	a1H	.37	
copper, .190" x 1-1/2".....	a1H1	.70	
iron 1-8" x 7-8".....	a1H4	.35	
" 1-8" x 1-8".....	a1H5	.25	
" 1-8" x 2".....	a1H13	.40	
elbow (1-8") (3).....	1H6	.08	
union (bonas, 1907) (2).....	1H12	.12	
iron, 1-8".....	a1H14	.20	
" packing (rubber).....	a1H15	.01	
Machines prior to 7143 (except 6953, 6963 to 6982 inclusive) were equipped with the following parts:			
Ans Pipe (iron 1-8" x 1-1/2").....	1H2	.08	
iron 1-8".....	1H11	.08	
elbow pipe.....	a1H16	.32	
2H—Air Cock (for air supply, 1-8").....	a2H	.90	
" (for air blast).....	2H1	.90	
Ans Cock group	Xa2H	1.80	
7H—Gas Cock (1-1/4" x 1-1/4") (for gas supply).....	a7H	.50	
9H—Gas Pipe (iron, 1-4" x 1-3/8").....	9H	.08	
" (1-4" x 3-3/4").....	a9H1	.14	
" (1-4" x 16-1/8").....	a9H2	.40	
" (1-4" x 3-3/4").....	a9H11	.14	
elbow (1-4") (4).....	9H5	.08	
sipple (1-4", galv. iron, for 40H).....	a9H7	.22	
union (1-4", iron).....	a9H8	.22	
packing (rubber).....	a9H9	.01	
Gas Pipe group	Xb9H	1.43	
12H—Melting Pot	a12H	*7.50	
casting.....	a12H2H	*.08	
" bracket.....	a12H18	*.05	
" screw (right).....	216	a12H19	*.11
" screw (left).....	12H5	*.20	
" stud (2).....	a12H9	*.13	
" nut (2).....	a12H10	*.20	
" " washer (2).....	410	a12H11	*.08
" screw (4).....	2198	a12H12	*.09
Melting Pot group	Xc12H	47.50	
*a12H12H is assembled with a12H, a12H9, a12H10, a12H11, a12H18, a12H19, a12H20, and a12H25. Order by the complete symbol Xc12H.			

12H—Melting Pot (continued) Machines 498 to 6647 inclusive and 4678 to 8920 inclusive (except 4953 to 8864 inclusive) were equipped with the following parts:			
Melting Pot	12H	7.50	
casting (steel).....	b12H1E	*	
" (outside).....	12H2	*	
" plate (large).....	12H2H1	+	
" screw (8).....	223	12H4	*.09
" (small).....	310	12H5	*.08
" " screw (3).....	222	12H6	*.09
" screw (right).....	12H8	*.20	
" stud (2).....	a12H9	*.13	
" nut (2).....	a12H10	*.08	
" " washer (2).....	410	a12H11	*.08
Melting Pot group (with Magnesia Pack).....	Xb12H	47.50	
*a12H11H is assembled with a12H, a12H9, a12H10, a12H11, a12H18, a12H19, a12H20, and a12H25. Order by the complete symbol Xc12H.			
Order instead the improved part Xc12H.			
†12H1H is assembled with 12H5. Price..... 3.10			

13H—Melting-pot Chimney	13H	2.20	
14H—Nozzle (1-2").....	14H	1.00	
Nozzle (1-2") (for Display Type).....	a14H2	1.00	

15H—Nozzle Squaring Pin (for 1-2" Nozzle).....	15H	2.65	
" (for 3/8" Nozzle).....	15H1	2.65	

16H—Pipe Bracket	b16H	*	
plug.....	a16H5	*.07	
screw (large) (2).....	28	a16H12	.12
" (small).....	226	a16H3	.08
screen.....	a16H4	.15	
Pipe Bracket group	Xa16H	4.67	
*16H1H is assembled with a16H5. Price assembled is..... 4.40			

17H—Piston	17H	3.60	
handle.....	17H1H	*	
" stem.....	850	17H2	*
" nut.....	314	17H3	*
Piston group	X17H	4.20	
*17H1H is assembled with 17H2 and 17H3. Price..... .60			

46H—Water Pipe (continued)

(iron, drain from Pipe Bracket, 3-8" x 14 1/2" long).....	a46H2	.35
(iron, drain from Pipe Bracket, 3-8" x 18").....	a46H3	.45
elbow (iron, 3-8").....	a46H4	.00
union (iron, 3-8").....	a46H5	.25
" packing (rubber).....	a46H6	.01
WATER PIPE GROUP.....	Xa46H	1.75

47H—Water-pipe Connection

(side, on a36E1E).....	47H1	1.80
(side).....	47H1	.06
WATER-PIPE CONNECTION GROUP.....	X47H	1.86

48H—Water Supply Valve

reducing bushing (1-1/2" to 1-8").....	a48H18	1.45
short nipple (1-8", 3-4" long).....	a48H20	.08
WATER SUPPLY VALVE GROUP.....	Xb48H	1.75

49H—Gas Hose (1-2" x 19 1/2")

	49H	1.35
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52H—Water Supply Cook

	a52H	.90
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55H—Gas Burner (3-burner)

air regulating sleeve (3).....	b55H1H	.08
" screw.....	a55H2	.06
clamp.....	a55H20	.50
" nut.....	a55H21	.09
washer.....	a55H21	.40
screen (3).....	a55H14	.30
" disc (3).....	a55H33	.07
" holder (3).....	a55H15	.80
" collar (3).....	a55H16	.40
shield (on b37H).....	a55H27	.00
" pin.....	a55H28	.08
support.....	a55H22	.00
" bolt.....	a55H22H	.00
" nut.....	a55H29	.12
" cotter.....	a55H34	.00
valve (3).....	a55H41	.00
" body.....	a55H42	.00
" bolt.....	a55H10	.11
" pipe (gal. iron 1-4" x 3-3/4").....	a55H17	.14
" elbow (45").....	a55H18	.08
" nipple (gal. iron).....	a55H19	.22
" plug (1/4" iron) (3).....	a55H12	.07
" " (1/10", brass) (3).....	a55H11	.04
" nozzle (3).....	a55H5	.12
" nut.....	a55H1	.08
" lock nut (3).....	a55H8	.00
" spring (3).....	a55H6	.14
Gas Burner group.....	Xb55H	33.80

a55H1H is assembled with a55H2 and a55H3. Price.....	12.89
a55H2H is assembled with a55H22. Price.....	2.20

a55H1H is assembled with a55H41, a55H10, a55H7, a55H8, a55H11, a55H12, a55H17, a55H18 and a55H19. Price.....	12.42
a55H4H are each assembled with one of a55H1. Price each.....	1.60

(If natural gas is used, omit Valves a55H4H and substitute the following:

Gas Burner (3 burner) Valve (3).....	a55H4H	.12
" nut (3).....	a55H30	.12

a55H4H are each assembled with one of a55H30. Price each.....

NOTE: Machines prior to 5335 used equipment with the Lead and Rule attachment were equipped with a 2-burner gas burner and its connecting parts. Some machines prior to August 20th, 1918, were equipped with a small type 3-burner gas burner. Both of these style burners are now obsolete and repair parts for them will only be furnished until stock is exhausted. The burner 33535 can be applied in place of either of the old type burners.

56H—Gas-cock Operating Handle

extension.....	56H1	1.75
" bolt.....	56H3	.08
" nut.....	56H4	.06
" set screw.....	56H5	.05
" pin.....	56H6	.08
Gas-cock Operating Handle group.....	X56H	4.77

57H—Latch

plate.....	57H1H	.40
" screw (2).....	57H3	.06
LATCH GROUP.....	X57H	3.45
*57H1H is assembled with 57H2 and 57H3. Order by complete symbol X57H.		

58H—Latch Abutment

plate.....	58H1H	.40
" screw (2).....	58H3	.06
LATCH ABUTMENT GROUP.....	X58H	3.45

*58H1H is assembled with 58H2 and 58H3. Order by complete symbol X58H.

59H—Latch-abutment Spring

	59H1	.17
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60H—Latch Pin

cotter.....	60H1H	.08
" screw.....	60H2	.00
plate.....	60H3	.08
" spring pin.....	60H4	.08
" stop pin.....	60H5	.08
LATCH PIN GROUP.....	X60H	2.95
*60H1H is assembled with 60H3, 60H4 and 60H5. Price.....		2.05

61H—Latch Spring

	61H1	.08
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62H—Latch Stand

shaft.....	62H1	.16
" arm.....	62H2H	.00
" nut.....	62H4	.12
" lock nut.....	62H5	.12
" spring.....	62H6	.14
spring pin (for 59H1).....	62H7	.08
LATCH STAND GROUP.....	X62H	4.51
*62H2H is assembled with 62H3. Price.....		3.30

63H—Pump-body-spring-rod Stop

Block.....	63H1H	.04
spring post.....	63H2	.05
nut.....	63H3	.40
*63H1H is assembled with 63H2. Price.....		1.47

64H—Pump-body-spring-rod-stop-block Spring

	64H1	.12
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76H, 78H and 79H—(See page 27)

Composition Sorts Casting Molds

Style 3E, for sizes 5 to 12 point, each point size.....

Style 3EA, 13 or 14 point size, for casting faces 12 point or smaller on bodies larger than 12 point, each point size.....

Style 3EN, 14 or 18 point for use with the new style 14 and 18 point composition matrices 4997 drive, each point size.....

Style 3EH, from 5 to 12 point for casting and composing type with guide and spaces .851" or .853" as specified for use in mounting cuts directly on quads, each point size.....

Style 3EF, in 12 point only, for casting only guide or spaces .851" or .853" as specified for use as cut mounting base material.....

NOTE: Exchange allowance on old Composition Molds (all styles) L.O.B. Philadelphia.....

Composition Sorts Casting Mold Parts

Style and serial number of mold must be specified. The following parts can be furnished to apply to molds outside our factory.

BASE-PLATE FRONT ABUTMENT.....	2MAZE1M	6.65
adjusting screw (left, blunt).....	2MAZE3	.00
" " (right, pointed).....	2MAZE3	.00
" " lock nut (2).....	2MAZE4	.00
screen (3).....	2MAZE5	.00
number-plate screw (2).....	251	.25
shoe.....	3MAZE1	1.95

BASE-PLATE-GATE-TURNER-CAM SCREW (2).....

CHROM BLOCK.....	1HMBZ2	1.95
coupling.....	1MBZ3	.08
" screw.....	2165	.00
screen.....	2167	.00
gate-block oil pad (felt).....	3MBZ2	.04
gate-pusher.....	14MBZ1	3.35

(This part can be replaced by returning to us the broken pieces, provided these broken pieces are in such condition that the required measurements can be obtained from them.)

MOLD BEAR

carrier latch fulcrum pin.....	2MC2E	.04
" " spring.....	2MC2E	.08
" " eye (2).....	2MC2E14	.10
" " ".....	2MC2E7M	.35
" lever.....	2MC2E12	1.40
" " fulcrum pin.....	2MC2E13	.05
" guide block.....	2MC2E1	.00
" " screw.....	2166	.00
" " " washer.....	3MC2E3	.05
stop screw (2).....	2166	.00
washer (2).....	2167	.00
guide block screw (2).....	2208	.00
also screw.....	2208	.00
" (3).....	2208	.00

TYPE BLOCK (large)

oil pad (felt).....	1MD2E5	.04
plug screw (brass) (2).....	2235	.00
" " (large).....	2235	.00
squaring-plate plug screw (2).....	2235	.00
2MC2E7M consists of SPRING 2MC-2E7 and two Evers a2MC2E14.	9MD2E6	.04

5 to 12 POINT MOLD BOX.....

(ATTACHMENT 19CU)**Composition Matrix Sorts Casting Attachment**

NOTE: To provide molds on the TYPE-RULE CASTER for quickly positioning the standard MATRIX CASE (2 by 3 MATRICES) for casting sorts.

This attachment consists of the following:

25C—Matrix-case Positioner (C side).....	39C1	4.10
base plate (steel) (in block).....	39C2	.00
guide rod.....	39C3	.09
" " stand (front).....	39C4	.48
" " (rear).....	39C5	1.33
" " clamp screw.....	39C6	1.67
lock pin.....	39C7	.08
" " guide pin.....	39C8	.73
" " head.....	39C9	.05
" " spring.....	39C10	.22
position plate.....	39C11	.08
" " screw (2).....	39C12	.88
plug.....	39C14	.15
MATRIX-CASE POSITIONER GROUP.....	X39C	18.35
*39C2C is assembled with 39C5 and 39C6. Price.....		7.64

55B—Matrix-case-positioner Pointers.....	a55B1	.60
screen (2).....	a55B2	.05
MATRIX-CASE-POSITIONER POINTERS GROUP.....	X55B	.76

56B—Matrix-case-positioner Guide.....	56B1	4.18
Red.....	56B2	.62
MATRIX-CASE-POSITIONER GUIDE GROUP.....	X56B	4.80

In addition to the above parts furnish:

5C—Cross-slide Draw Rod.....	b5C1	1.70
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(ATTACHMENT 22CU)**English Display Equipment**

NOTE: To adapt the Type-Rule Caster to use English Display Matrices.

This equipment consists of the following part:

5A—Centering Pin.....	a5AA	5.19
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NOTE: In addition to furnishing the above part the BEARER a1A must be altered by enlarging the holes for the Bearer 633, the CENTERING-PIN STAND a6A must be reduced on its diameter which extends down through the BEARER, and the SANDING FRAME a5A must be altered to receive the spring clip on the ENGLISH MATRIX HOLDER. The BEARER should be returned to our factory for these alterations.

Display Molds

Style T (multiple point size), with 12, 14 and 18 point blades.....

Style U (multiple point size), with 24, 30 and 36 point blades.....

Style 2T (single point size), 12, 14 or 15 point.....

Style 2U (single point size), 24, 30 or 36 point.....

Style 4U (recut), 24 point only (does not require cured mold attachment).....

NOTE: Exchange allowance on old DISPLAY MOLDS (all styles) L.O.B. Philadelphia.....

Display Mold Parts

Style and serial number of mold must be specified. The following parts can be furnished to apply to molds outside our factory.

BASE-PLATE FRONT ABUTMENT.....	2MA1T1	6.65
adjusting screw (left, blunt).....	2MA1T2	.00
" " (right, pointed).....	2MA1T3	.00
" " lock nut (2).....	2MA1T4	.00
screen (3).....	2MA1T5	.00
number plate screw (2).....	251	.25
shoe.....	3MA1T1	2.15

BASE-PLATE-GATE-TURNER-CAM.....

CHROM BLOCK.....	1HMBT2	1.95
coupling.....	1MBT3	.08
" screw.....	2165	.00
screen.....	2167	.00
gate block (right) screw (4).....	226	.00
" " oil pad (felt).....	3MBT2	.04
" " screw (4).....	3MBT3	.08
pusher.....	14MBT1	3.65

Display Mold Parts (continued)

Mold Blade			
Mold screw (2).....	2298..	6MCI2T	.06
stop.....	173MCI1	1.15	
screw (2).....	246..	7MCI1T	.05
top guide screw (2).....	2229..	8MCI2T	.05
lever driver.....	12MCI1T	.17	
" (upper).....	12MCI2T	.17	
" spring.....	6152..	12MCI3T	.08
" box.....	12MCI4T	.70	
" " pin.....	12MCI5T	.04	
" " plug.....	12MCI6T	.04	
fulcrum stud.....	12MCI1T	.04	
spring box plate.....	14MCI1T	.32	
" screw (2).....	14MCI2T	.05	

†This part can be replaced by returning to us the broken pieces provided these broken pieces are in such condition that the required measurements can be obtained from them.

Type Block (right)

oil pad.....	1MDIT5	.02	
plug screw (3).....	2239..	1MDIT7	.04
" (5).....	2235..	1MDIT8	.04
pin (for 3MDIT1).....	1MDIT9	.04	
screw (from Squaring Pin, short).....	1MDIT10	.08	
" (from Base Plate, short) (2) 2162	1MDIT11	.08	
" (from Squaring Pin, long) 231..	1MDIT12	.09	
" (from Base Plate, long) 231..	1MDIT13	.09	
" washer (5).....	435..	1MDIT14	.05
clamp bolt.....	3MDIT1	.40	
" nut.....	3MDIT2	.06	
" spring.....	6155..	3MDIT3	.11
" washer.....	436..	3MDIT4	.05
" screw.....	4MDIT1	.02	
gate knock-off.....	6MDIT1	.60	
screw (2).....	247..	6MDIT2	.05
squaring plate plug screw (3).....	2235..	9MDIT0	.05
Display Mold Box (1 blade).....		1.00	
" " (3 blades).....		1.35	

(ATTACHMENT 11CU)

Lead and Rule Attachment

OBJECT: To operate CONTINUOUS STRIP MOLDS. When this attachment is spliced AUTOMATIC CUTTER should also be applied at the same time.

Lead and Rule Attachment complete with Automatic Cutter. Price.....	367.50
Lead and Rule Mold Operating Attachment only.....	84.00

NOTE: Machines prior to 5355 require in addition to the above mentioned below the 3-blade gun burner for which see X155H.

Lead and Rule Attachment consists of the following parts:

51B—Mold-blade Micrometer Wedge.....	51B1	2.00
adjusting screw.....	51B2	2.70
" " spring.....	51B3	.13
" " screw (2).....	51B4	.05
rod.....	51B5	.14
" nut.....	51B6	.05
" " lock nut.....	51B7	.06
" spring.....	51B8	.08
spring.....	6196	.11
stand.....	51B10	3.35
MOLD-BLADE MICROMETER WEDGE group	X51B	8.76

52B—Mold-blade-micrometer-wedge-stand screw (2).....	52B1	.09
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53B—Mold-blade Operating Bar.....	53B1	4.00
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15E—Centering-pin-cam-lever Shaft.....	a15E1	1.75
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134E—Centering-pin-lever Bracket.....	b14E1E	+
clamp (2).....	a13E1E	+.55
" pin (2).....	a13E14	+.05
" thumb screw (2).....	a13E15	.15
CENTERING-PIN-LEVER BRACKET group X6134E		6.85
" a13E1E is assembled with a13E1E, a13E14 and a13E15. Order by complete symbol X6134E.		

135E—Clamping-screw Connecting Rod.....				a135E1	.22
eye.....				a135E9	.90
" lock nut.....		314..	a135E10	.08	
" pin.....			a135E11E	*	
" spring.....			a135E12	*.15	
" nut.....		314..	a135E13	.08	
" lock nut.....			a135E14	.08	
washer (2).....		410..	a135E15	.08	
spring.....		6225..	b135E7	.26	
" adjusting nut.....		315..	a135E16	.08	
" lock nut.....		314..	a135E17	.08	
CLAMPING-SCREW CONNECTING ROD group.....				Xa135E	2.69
Price is assembled with a135E1, a135E9, a135E10, a135E11E, a135E12, a135E13, a135E14, a135E15, a135E16, a135E17 and 314.....					
					.75

136E—Auxiliary Bracket.....	136E1E	*	
adjusting screw.....	136E2	.08	
clamp bolt.....	136E3	.22	
" nut (2).....	312..	136E4	.08
pin.....	136E5	★.22	
AUXILIARY BRACKET group.....	X136E	10.35	
*a136E1E is assembled with 136E5. Price			
		9.90	

137E—Guard (on 136E1).....	137E1	.22
screw (2).....	241 137E2	.05
Guard group.....	X137E	.34

138E—Operating-bar Lever (2)	138E1E	*
bushing.....	138E2	*
connecting eye.....	138E3	*
" pin.....	138E4	*
bolt.....	129..	138E5
* nut.....	310..	138E6
* sleeve.....		138E7
* washer.....	415..	138E8
OPERATING-BAR LEVER group.....	X138E	9.95

OPERATING-BAR-LEVER GROUP.....		X139E	.35
*139E1E is assembled with 139E2 to			
139E2 inclusive. Order by complete symbol X139E.			
139E—Operating-bar-lever Fulcrum			
Pin.....	139E1	.35	
nut.....	93..	139E2	.00
OPERATING-BAR-LEVER FULCRUM PIN			
GROUP.....	X139E	.35	

141E—Spring Box.....	141E1	2.00	
cap (2).....	141E2	.50	
sleeve.....	141E3	.38	
spring.....	6192..	141E4	.45
" abutment (2).....	141E5	.22	
rod.....	141E6	.28	
" adjusting nut (2).....	310..	141E7	.08
" " " lock nut (2).....	312..	141E8	.08
" lock nut.....	312..	141E9	.08
transmission.....	141E10	1.70	
Seismic Box group.....	X141E	6.55	

142E—Spring-box Lever (2) (each).....	142E1	2.00	
143E—Spring-box-lever Fulcrum Pin.....	143E1	.70	
nut (2).....	319..	143E2	.09
SPRING-BOX-LEVER FULCRUM PIN group.....	X143E	.88	
144E—Spring-box-lever Link.....	144E1	2.00	
145E—Spring-box-lever-link Pin.....	145E1	.22	
nut.....	95..	145E2	.00
SPRING-BOX-LEVER-LINK PIN group.....	X145E	.22	

13H—Nozzle-pot-chimney Extension.....	a13H1	1.40
14H—Mating (for Continuous Strip Molds).....	a14H4	1.25
17H—Piston.....	17H	3.60
handle.....	17H1H	+
" " stem.....	17H2	+
" " nut.....	17H3	+
Piston group.....	X17H	4.20
†17H1H is assembled with 17H2 and 17H3. Price assembled.....		.50
For use with screw Pump Bodies we furnish:		
Piston (.003" oversize).....	b17H4	3.60
handle.....	17H1H	+
" " stem.....	17H2	+
" " nut.....	17H3	+
Piston (.003" oversize) group.....	X17H4	4.20
†17H1H is assembled with 17H2 and 17H3. Price.....		.50

23H—Pump Body.....	a23H11H	+
bearing (nozzle end).....	23H1	.15
" " screw (2).....	23H2	2.20
" " plug (bottom).....	23H3	.11
regulating screw.....	23H4	.85
valve.....	23H5	1.40
Pump Body group.....	X23H11	1.15
†a23H11H is assembled with 23H1 to 23H6, inclusive. Order by complete symbol X23H11.		
†Credit allowance on old pump body 1.50 Philadelphia.....		2.80

(ATTACHMENT 12CU)

Automatic Cutter

(Rule Cutting Device)

OBJECT: To automatically cut the product of the continuous strip Molds to any length desired, from six pins to twenty-five inches. To use this attachment requires that the machine be equipped with the LEAD AND RULE MOLD OPERATING ATTACHMENT.

The Automatic Cutter consists of the following parts:			
148E—Shear Cam (marked R).....	148E1	4.65	
screw (3).....	213..	148E2	.11
" nut (3).....	314..	148E3	.08
SHEAR CAM group.....	X148E	5.22	

276E—Guard.....	276E1E	*
bracket.....	276E2	*
" screw (2).....	2233.. 276E3	.08
GUARD group.....	X276E	2.21
†276E1E is assembled with 276E2, 276E3 and 276E4. Price.....		

NOTE: AUTOMATIC CUTTERS shipped prior to February, 1928, were not equipped with any parts of group X276E. These parts provide a guard in front of the INTERLOCKING-LEVER OPERATING ROD b109E7.

17F—Galley-pan Shelf			
spring pin (for a14F1).....	834..	a17F8	.08
76F—Box (for short leads).....		76F1	2.35
77F—Channel Bar (for leads and rules).....		a77F1	9.90
screw (2).....	227	77F2	.09
support (for long strips).....		a77F3	3.35
" " screw.....		a77F4	.35
CHANNEL BAR group.....		Xa77F	13.78

Earlier Automatic Cutters were equipped with the following parts:

CHANNEL BAR.....	77F1
SCREW (2).....	227..
	77F2

NOTE: The improved parts are to keep long strips of lead or rule from bending as they are being delivered from the Molds. To apply gas pressure between the SCREW a77F3 and SCREWS a77F4 be furnished and the CHANNEL BAR 77F1 altered to suit. After this alteration the CHANNEL BAR becomes a77F1.

F—Galley	78F1F	+	
support bar (2).....	78F2	+	
" " rivet (5).....	7207..	78F3	*.0
ledge.....	a78F5	+	
GALLEY group	X78F	19.5	
78F1F is assembled with 78F2, 78F3, and a78F5. Order by complete symbol X78F.			

F—Guide Plate		
(front).....	79F1F	*
(rear).....	79F2	
rivet (4).....	7160..	79F3
separate (4).....	437..	79F4
GUIDE PLATE group.....		X79F
79F1F is assembled with 79F2, 79F3 and 79F4. Order by complete symbol X79F.		2.60

80F—Guide Roller (for strips).....	80F1	.70
eccentric shaft.....	80F2	1.90
" " roller.....	80F3	.11
" " roller.....	80F4	.00
GUIDE ROLLER group.....	X80F	2.61

81F—Main Bracket		a81F1F	
spring post (for 120F1)	831..	81F3	+.08
" " (for 127F1)	856..	81F4	+.13
fulcrum-pin (for 108F1)		81F5	+.85
" " roller	91..	81F6	.00
" " washer	442..	81F7	.14
MAIN BRACKET group		X81F	53.06
†a81F1F is assembled with 81F3, 81F4 and 81F5. Price			
			52.92

82F—Main-bracket Buffer (for Shear)		
(beater).....		82F1
screw (2).....	241..	82F2
" washer (2).....	440..	82F3

83F—Shear Blade.....	a83F2	.44
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84F—Shear Blade.....	a83F2	4.10	
84F—Shear-blade Guide.....	84F1	19.30	
85F—Shear-blade Shoe.....	85F1F	+	
screw (4).....	234..	85F2	.08
tube.....	535..	85F3	+
" " dowel.....	535..	85F4	+.07
SHEAR-BLADE-SHOE-SHIRT group.....	X85F	16.27	

†85F1F is assembled with 85F3 and 85F4. Price..... 9.05
NOTE: We do not furnish separate parts of this shoe 85F1F. If a new shoe 85F3 is required we furnish an assembled shoe 85F1F.

6F—Shear-blade-shoe-tube Clamp			
(upper).....	a86F1		
(lower).....	a86F3	2	
screw.....	140	86F2	
SHEAR-BLADE-SHOE-TUBE CLAMP group..	X86F	2	
7F—Shear-blade-shoe-tube Guide			
SCREW (2).....	2207	87F1	
SHEAR-BLADE-SHOE-TUBE GUIDE group..	X87F	87F2	1

91F—Shear Cage.	881F1	*
lug.....	881F2	*.70
" latch.....	881F3	80
pin.....	7161.	*.01
adjusting nut.....	888F5	12
" sleeve.....	888F6	35
SHEAR CAGE group.....	X83F	7.92
*881F1 is assembled with 881F2 and 881F3. Price.....		0.65
91F—Shear-gage Spring.....	623F.	a89F1
90F—Stacker Plate.....	901F1	*
support (right).....	902F	*
" rivet (2).....	721F	90F3
spring.....	620F.	19F4
support spring pin.....	854.	90F5
" screw.....	901F	*.06
" rivet (2).....	721F.	90F6
STACKER PLATE group.....	X90F	8.11
*901F1 is assembled with 90F2, 90F3, 90F5, 90F6 and 90F7. Price.....		8.00
91F—Stacker Rock Shaft.....	91F1	8.00
92F—Stacker Support Block (2).....	92F1	1.35
shoe (head).....	92F2	.32
" screw (8).....	24F	92F3
STACKER SUPPORT BLOCK group (2) (each).....	X32F	1.81
93F—Supporting Beam.....	93F1	6.65
hoist (2).....	93F2	.13
SUPPORTING BEAM group.....	X33F	6.91
94F—Supporting-beam Bracket (right).....	941F1	*
hoist (2).....	129.	94F2
spring pin.....	855.	94F3
SUPPORTING-BEAM BRACKET group.....	X34F	4.53
*941F1 is assembled with 94F3. Price 4.35		
95F—Supporting-beam Bracket (left).....	95F1	*
hoist (2).....	129.	95F2
spring pin.....	859.	95F3
SUPPORTING-BEAM BRACKET group.....	X35F	3.53
*95F1 is assembled with 95F3. Price 3.65		
96F—Transfer Bar (rear).....	96F1	4.65
hanger (left).....	* 96F2F	*
" spring pin.....	864.	96F3
" (right).....	96F4	2.07
" screw.....	96F5	96F6
TRANSFER BAR group.....	Xa56F	9.19
*96F2F is assembled with 96F3. Price is.....		2.80
Automatic Cutters shipped prior to March 1924, were equipped with:		
TRANSFER BAR (rear).....	96F1	4.65
97F—Transfer Bar (front).....	a97F1	4.65
hanger (left).....	* 97F2F	*
" spring pin.....	864.	97F3
" (right).....	97F4	2.00
" screw (4).....	241.	97F7
TRANSFER BAR group.....	Xa57F	9.19
*97F2F is assembled with 97F3. Price 2.80		
Automatic Cutters shipped prior to March 1924, were equipped with:		
TRANSFER BAR (front).....	97F1	4.65
pusher (3).....	97F2	.22
" screw (6).....	241.	97F3
100F—Transfer-bar-hanger Rod.....	100F1	1.35
cotter (2).....	93.	100F2
TRANSFER-BAR-HANGER ROD group.....	X100F	1.35
101F—Transfer-bar Operating Lever.....	a101F1	1.05
adjusting screw.....	101F2	*.01
" rivet (2).....	7163.	a101F3
extension.....	2252.	a101F4
" nut.....	35.	a101F5
bearing.....	101F6	*.13
TRANSFER-BAR OPERATING LEVER group.....	Xa101F	2.35
*101F1 is assembled with a101F2, a101F3, and a101F6. Price.....		2.20
102F—Transfer-bar operating-lever Adjusting Screw (in 101F1).....	121.	102F1
Adjusting Screw.....	319.	102F2
TRANSFER-BAR OPERATING LEVER ADJUSTING SCREW group.....	X102F	.17
102F—Transfer-bar-hanger Spring (long).....	623.	a102F1
104F—Transfer-bar-hanger Spring (short).....	620F.	a104F1
plate (2).....	104F2	104F3
TRANSFER-BAR-HANGER SPRING group.....	X104F	.21
105F—Patent Plate.....	105F3	105F5
screw (2).....	251.	105F2
PATENT PLATE group.....	X105F	.32
106F—Main-bracket Screw (2) (each).....	221	106F1
107F—Main-bracket Shield.....	107F1	.69
screw (2).....	241.	107F2
MAIN-BRACKET SHIELD group.....	X107F	.35
108F—Shear Bolt Crank.....	* 108F1F	*
pin (top for 123F1).....	7225.	108F2
cotter (for 121F2).....	853.	108F3
" nut.....	33.	108F4
" washer.....	429.	108F5
SHEAR BOLT CRANK group.....	X108F	14.31
*108F1F is assembled with 108F2, 108F3 and.....		13.65
109F—Shear-belt-crank Adjusting Screw (in a11F1).....	116.	109F1
nut.....	310.	109F2
SHEAR-BELT-CRANK ADJUSTING SCREW group.....	X109F	.17
110F—Shear-cam Lever.....	110F1	*
spring pin.....	834.	110F2
roller.....	110F3	*1.08
" screw.....	92F4	110F5
SHEAR CAM LEVER group.....	X110F	16.25
*110F1 is assembled with 110F2, 110F3, and 110F4. Order by complete symbol X110F.		
112F—Shear-cam-lever Fulcrum Pin.....	112F1	.80
cotter (2).....	92.	112F2
SHEAR-CAM-LEVER FULCRUM PIN group.....	X112F	.40
114F—Shear-cam-lever Spring.....	6212.	a114F1
" (2).....	114F2	a114F2
SHEAR-CAM-LEVER SPRING group.....	X114F	.31
115F—Shear Operating Pin.....	115F1	.50
washer.....	45.	115F3
SHEAR OPERATING PIN group.....	X115F	.61
116F—Shear Trip Lever.....	116F1	*
spring pin.....	854.	116F2
SHEAR TRIP LEVER group.....	X116F	*.06
*116F1 is assembled with 110F2. Order by complete symbol X116F.		
117F—Shear-trip-lever Spring.....	6201.	117F1
plate (2).....	117F2	.05
SHEAR-TRIP-LEVER SPRING group.....	X117F	.27

111F —Shear-tip-lower Eyebolt Bar.....	118F1F	0	175F —Friction Plate.....	175F1	3.40		
pin.....	854	118F2	*.06	SCREW.....	218F	175F2	.00
SCREW (2).....	216F	118F3	.00	" washer.....	440	175F3	.00
plate (step for 91F1).....	118F4	.11		Friction Plate group.....	X175F	.45	
Summit Operating Rod group.....	X118F	.90					
*118F1F is assembled with 118F2. Price.....		.67					
119F —Shear Yoke.....	119F1F	0	176F —Stacker Guard*.....	176F1	1.25		
fulcrum pin.....	119F2	.50	*AUTOMATIC CUTTERS shipped prior to				
" " cotter (2).....	119F3	.00	JANUARY, 1954, were not equipped with				
spring pin.....	831	119F4	*.08	STACKER GUARD 176F1. This pin oper-			
Summit Yoke group.....	X119F	5.10	ates to prevent overflow of the TRANS-				
*119F1F is assembled with 119F4. Price.....		4.00	FER BARS when stacking material				
120F —Shear-yoke Spring.....	120F1	.95					
plate (2).....	120F2	.12					
SHEAR-TOP SPRING group.....	X120F	.50					
121F —Stacker-rod-shaft Connecting							
Rod.....	121F1	1.22					
eye (lower).....	121F2	.30					
" (upper).....	121F3	.80					
" pin.....	121F4	.14					
" " cotter (2).....	95	121F5	.00				
BUT (2).....	85	121F6	.00				
STACKER-ROD-SHAFT CONNECTING RO-							
group.....	X121F	2.28					
122F —Thrust Bar.....	122F1	2.00					
fulcrum pin.....	122F2	.70					
SCREW.....	122F3	.38					
THURST BAR group.....	X122F	3.26					
123F —Thrust-bar Bell Crank.....	123F1F	0					
pin.....	123F2	*.08					
" cotter.....	97	123F3	.00				
spring pin.....	851	123F4	*.06				
THURST-BAR BELL CRANK group.....	X123F	2.00					
*123F1F is assembled with 123F2. Price.....		2.00					
124F —Thrust-bar-bell-crank Fulcrum							
Pin.....	852	124F1	.33				
BUT.....	35	124F2	.06				
THURST-BAR-BELL-CRANK FULCRUM PIN							
group.....	X124F	.45					
125F —Thrust-bar-bell-crank Operating							
Bar.....	125F1	.40					
126F —Thrust-bar-bell-crank Spring							
(short).....	126F1	.13					
plate (2).....	126F2	.05					
THURST-BAR-BELL-CRANK SPRING group.....	X126F	.23					
127F —Thrust-bar-bell-crank Spring							
(long).....	127F1	.20					
plate (2).....	127F2	.05					
THURST-BAR-BELL-CRANK SPRING group.....	X127F	.36					
128F —Thrust Bar Latch (left).....	128F1F	0					
spring pin.....	854	128F2	*.06				
(right).....	855	128F3	.06				
fulcrum pin.....	863	128F5	.32				
" nut.....	85	128F6	.00				
spring.....	612	128F7	.14				
THURST BAR LATCH group.....	X128F	2.52					
*128F1F is assembled with 128F2. Price 1.00							
*128F3F is assembled with 128F4. Price 1.00							
129F —Thrust-bar Operating Rod.....	129F1	.55					
eye.....	129F2	.80					
" lock nut.....	85	129F3	.00				
" pin.....	800	129F4	.13				
" cotter.....	95	129F5	.00				
THURST-BAR OPERATING ROD group.....	X129F	1.54					

175F —Friction Plate.....	175F1	3.40	
SCREW.....	218F	175F2	.00
" washer.....	440	175F3	.00
Friction Plate group.....	X175F	.45	
176F —Stacker Guard*.....	176F1	1.25	
*AUTOMATIC CUTTERS shipped prior to			
JANUARY, 1954, were not equipped with			
STACKER GUARD 176F1. This pin oper-			
ates to prevent overflow of the TRANS-			
FER BARS when stacking material			
Lead and Rule Molds			
Style 2R, Lead and Rule, any point size			
from 1-2 to 12 point.....		275.00	
Style 2RA, Tie-up Slug, in 12 point only			
Style 2R, Column Rule, regularly fur-			
nished in 6 point, other sizes to order			
(includes one matrix).....		275.00	
NOTE: Exchange allowances on old LEAD			
and Rule Molds (or Tie-up Slug) from			
L.B. Philadelphia.....		90.00	
Lead and Rule Mold Parts			
Style and serial number of mold must be specified.			
The following parts can be furnished to apply to			
Molds outside our factory.			
BASE-PLATE PLUG SCREW (4).....	2235	1M41R5	04
* NUMBER PLATE.....		3M42R1	.17
SCREW (2).....	251	3M42R2	.00
CLAMP SCREW.....		7M41R1	.41
LEVER.....	324F	6T41R3	1.13
* lock nut.....	324F	7M41R5	.11
Friction Block			
clamp release screw.....	6M42R4	.34	
" " nut.....	6M42R1	.21	
" " spring.....	6M41R5	.07	
" " washer.....	6M41R6	.00	
SCREW (2).....	2168	9M41R7	.05
" " nut.....	435	9M41R8	.05
trimmer.....	363	9M41R9	2.00
" packing.....	222	6M41R9	.90
" SCREW (2).....	222	6M41R11	.05
TIE-BAR (left) screw (2).....	10M41R2	.25	
(right) screw (2).....	2215	11M41R2	.05
MOLD-BLADE			
stop screw (2).....	246	7M41R2	.63
stop screw (4).....	234	9M41R2	.00
cap (give height of lead and point size).....	1M41R1	6.10	
††† The MOLD-BLADE CAP 11M41R1, when			
used, having low lead, be broken, this			
part can be replaced by returning to			
us the broken pieces of the CAP			
together with MOLD BLADE CAP SUP-			
PORT 11M41R2, provided these broken			
pieces are in such condition that the			
required measurements can be ob-			
tained from them.			
TYPE BLOCK (rear, large)			
plug screw (5).....	2239	1M41R7	.00
SCREW (to Base Plate, bottom).....	2161	1M41R11	.00
from Base Plate side (2).....	2239	1M41R12	.00
" (through Point Block) (5).....	2225	1M41R15	.00
" washer.....	435	1M41R5	.00
plug screw (in upper Type Block) (3)			
.....	2239	2M41R5	.00
plug screw (in lower Type Block) (3)			
.....	2239	2M41R14	.00

Lead-8-Rule Mold Parts (continued)

TYPE BLOCK (rear, large)		
serew (to Base Plate)	2161.	2MD1R7 .08
" (bottom) (2)	2166.	2MD1R8 .06
" (side) (4)	243.	2MD1R9 .06
" (top)	242.	2MD1R10 .06
" washer	435.	2MD1R16 .05
vent pusher		az2MD1R17 *3.90
matrix abutment serew	233.	10MD1R2 .08
" clamp		11MD1R1 2.00
" screw		11MD1R2 .09
" sleeve		11MD1R3 .12
" spring	6182.	11MD1R4 .09
" abutment (lower)		11MD1R5 .05
" " (upper)	435	11MD1R6 .05
" for 1-1/2 point molds		11MD1R7 2.50

*If ground to match sample.

NOTE: All Style RB COLUMN RULE MOLDS are equipped with follow-up parts; these parts of the Style RB COLUMN RULE MOLD replace the corresponding parts of the R LEAD and RULE MOLD. All other parts of the Style RB COLUMN RULE MOLD are the same as their corresponding parts of the STYLE R LEAD and RULE MOLD.

Type Block	
matrix clamp	11MD1R31 2.75
packing piece	11MD1R37 6.00
"	11MD1R38 11.00
shield	11MD1R10 1.20

Style 1RB Molds No. 402 and following are equipped with this part which is used between the CLAMP 11MD1R1 and the MATRIX to cast leads below .005" high. The two pieces together take the place of 11MD1R1 previously furnished for that purpose.

NOTE: The following new and improved parts in the 2R Molds differ from corresponding parts in R Molds.

BASE PLATE NOZZLE SEAT SCREW (2)	234	1MA2R9	.08
washer (2)	435	1MA2R14	.05
NUMBER PLATE		3MA2R1	.17
MOLD-BLANK POINT BLOCK (upper) bushing		a5MC2R3	.02

TYPE BLOCK		
plug screws (5).....	2239..	2MD2R14 .04
bushing (front) (lower) (2).....		a2MD2R19 .05
packing block.....		a12MD2R1 1.70
bushing (2).....		a12MD2R2 .05
RULE MOLD BOX.....1.95		

RULE MOLD BOX	1.95
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(ATTACHMENT 16CU)

Short Type Attachment

OBJECT: To provide for the casting and delivery of short type from Style 2FC and Style TD (short type) MOLDS.

Short Type Attachment complete with one Style 2FC Mold	750.00
Operating Attachment only	150.00

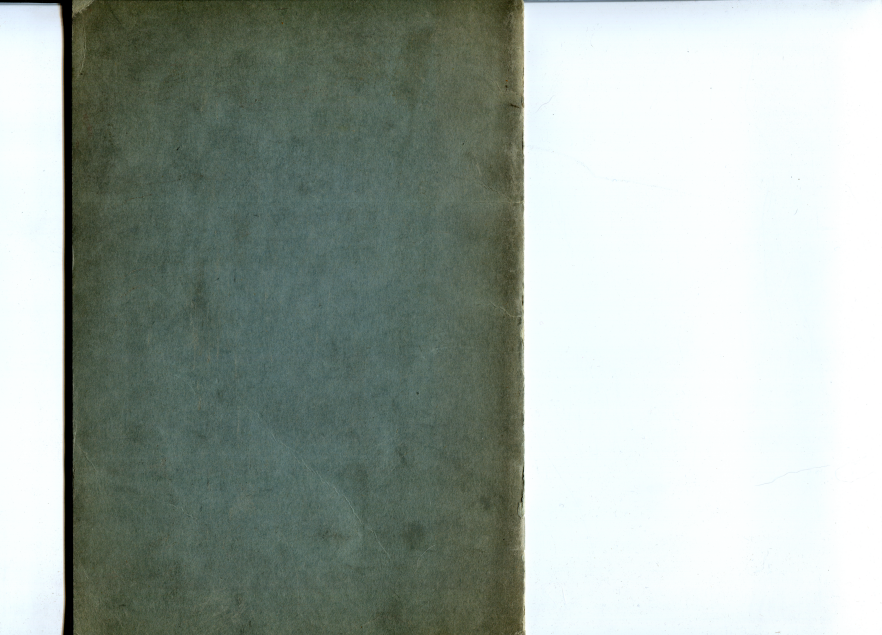
NOTE: In addition to furnishing the following new parts the following alteration must be made: On Machines prior to 9843 the NORMAL-WEAR-LOCKING-PIN STAND must have clearance cut in it to clear the Type PUMMER.

Short Type Attachment consists of the following parts:

20B-Type Carrier	a20B15B *
" bushing	a20B10 *
" jaw	a20B16 *
" rivet (2)	7168.
" lever (for a20B18)	a20B17 *
" pin	d20B3 *
" cotter	b20B4 *
" stand	a20B9 *
" rivet (2)	b20B1 *
" (for a20B4)	a20B2 *
" pin	a20B11 *
"	a20B12 *

Short Type Attachment (continued)

shield.....	a20B5 *	*08
" screw (2).....	252.	20B6
stop (for Type Support).....	a20B18	*21
" rivet.....	a20B19	*25
Type Carrier Group, including Row		
Xa2B15, Extension X2B2, Clamp		
Xa2B64, Since b2B3B, Since b4B1		
Xa20B615 FL		
Xa20B15, Since Xa2B74, and Since Xa2B1B.....		
a20B103, a20B104, a20B105, a20B106, a20B107,		
a20B108, a20B109, a20B110, a20B111, a20B112,		
a20B113, a20B114, a20B115, a20B116, a20B117,		
a20B118, a20B119, a20B120, a20B121, a20B122,		
a20B123, a20B124, a20B125, a20B126, a20B127,		
a20B128, a20B129, a20B130, a20B131, a20B132,		
a20B133, a20B134, a20B135, a20B136, a20B137,		
a20B138, a20B139, a20B140, a20B141, a20B142,		
a20B143, a20B144, a20B145, a20B146, a20B147,		
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a20B153, a20B154, a20B155, a20B156, a20B157,		
a20B158, a20B159, a20B160, a20B161, a20B162,		
a20B163, a20B164, a20B165, a20B166, a20B167,		
a20B168, a20B169, a20B170, a20B171, a20B172,		
a20B173, a20B174, a20B175, a20B176, a20B177,		
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LANSTON MONOTYPE MACHINE COMPANY

MANUFACTURERS OF
TYPE MACHINES • PHOTO-MECHANICAL EQUIPMENTS

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PHILADELPHIA, PENNA.

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SECRETARY
WILFRED HANSCOMPT
TREASURER
HARVEY W. JONES
ASST. TREASURER

TO MONOTYPE OWNERS:--

Philadelphia, Pa.
January 5, 1942

Accompanying this letter is a printed list covering the prices of Monotype Type-3-Rule Gaster replacement parts. The list should be filed for future reference and use, and care should be taken to preserve it against loss or misplacement.

Monotype replacement parts are made in our own factory at Philadelphia, and are guaranteed. The materials used are specially chosen for the operations to be performed and to give maximum wear and service, and skilled mechanics are employed in their production. Working with the aid of special instructions, jigs, patterns and fixtures and 40 years' experience in meeting the exacting specifications of Monotype manufacture, these men produce parts which cannot be duplicated elsewhere.

The experience of Monotype owners over a period of 40 years has shown that the production of type, rule and spacing materials of high quality can be assured for many years when machines are kept in first-class mechanical condition through the use of genuine Monotype parts replacements and with the assistance of such repair work as we, with our specially equipped factory, are able to perform.

We have an equal interest with the Monotype owner in the production of good type and strip material on Monotype Machines. We maintain a stock of properly made replacement parts in our factory at Philadelphia, and will appreciate your cooperation in seeing that only authentic Monotype parts are used in your plant.

Good business judgment would seem to dictate a survey by you of your future requirements for replacement parts and the entering of orders now to meet them.

Beware of "bootleg" parts!

Very truly yours,

LANSTON MONOTYPE MACHINE COMPANY

J. A. Mullerkey
J. A. Mullerkey
Assistant to the
Executive Vice-President



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